

CLAIMS

What is claimed is:

- 1 1. A method for associating data with physical devices comprising the steps
2 of:
3 (a) starting with a first SCSI enclosure service data location;
4 (b) comparing one or more addresses;
5 (c) mapping correlating addresses in response to said comparison;
6 (d) removing at least one of a SCSI enclosure service device and a drive which have
7 been successfully mapped from a loop data utilized for further mapping to allow for
8 another mapping of a previously failed mapping of an enclosure.
- 1 2. The method as claimed in claim 1, wherein comparing of one or more
2 addresses includes comparing in a forward or reverse direction.
- 1 3. The method as claimed in claim 1, further comprising:
2 implementing said first SCSI enclosure service location as an anchor.
- 1 4. The method as claimed in claim 1, further comprising:
2 accounting for a state when said anchor is at a beginning, an end, or in a middle of
3 one or more devices.
- 1 5. The method as claimed in claim 4, further comprising:
2 marking one or more devices as mapped if a single match is found; and
3 marking the comparison as ambiguous if more than one match is found.

